

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031691.D
 Acq On : 22 Dec 2017 2:14
 Operator : SJ/JU
 Sample : I7002-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 03:19:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

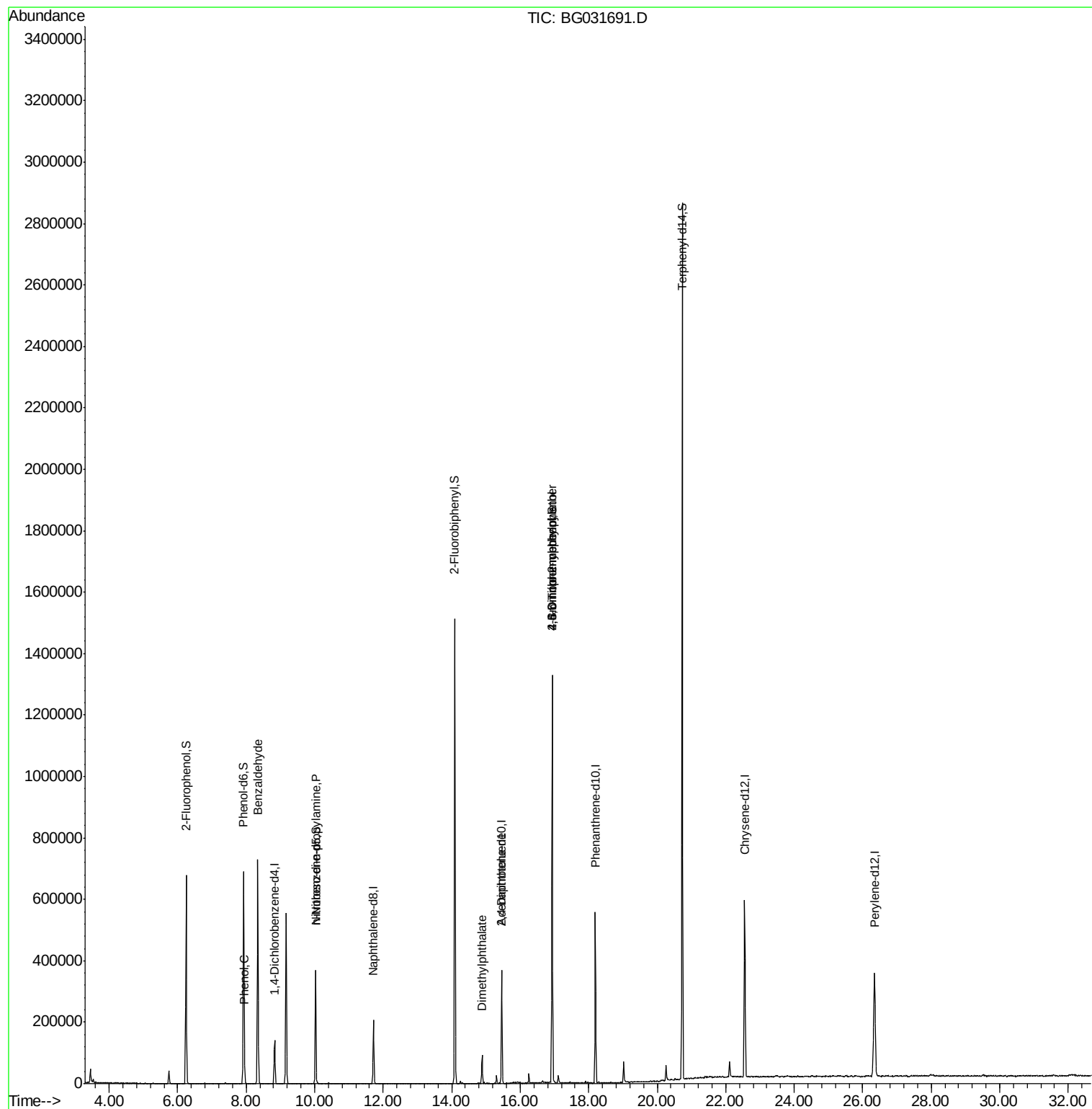
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	50148	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	208799	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	148132	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	385779	20.00	ng	0.00
75) Chrysene-d12	22.56	240	451208	20.00	ng	-0.01
86) Perylene-d12	26.35	264	474101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	375818	136.50	ng	0.00
7) Phenol-d6	7.93	99	484860	135.64	ng	0.00
23) Nitrobenzene-d5	10.03	82	240894	87.12	ng	0.00
41) 2,4,6-Tribromophenol	16.93	330	317964	140.67	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	909335	77.05	ng	0.00
78) Terphenyl-d14	20.73	244	1582316	80.12	ng	0.00
Target Compounds						
9) Benzaldehyde	8.34	77	8590	3.991	ng	91
10) Phenol	7.96	94	19027	5.272	ng	98
19) n-Nitroso-di-n-propylamine	10.02	70	31500	12.903	ng	# 73
49) Dimethylphthalate	14.89	163	70422	5.396	ng	# 97
56) 2,4-Dinitrotoluene	15.46	165	19498	6.316	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.94	198	445	8.502	ng	# 1
66) 4-Bromophenyl-phenylether	16.93	248	25110	4.501	ng	# 1

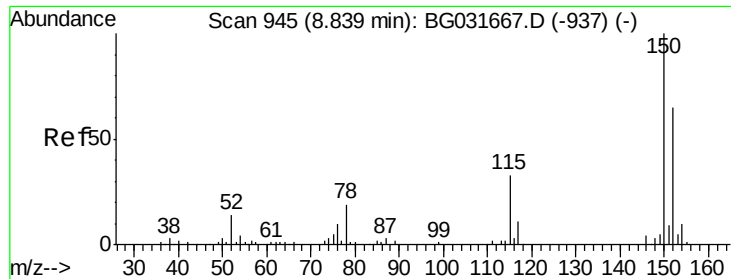
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031691.D
Acq On : 22 Dec 2017 2:14
Operator : SJ/JU
Sample : I7002-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 22 03:19:30 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration



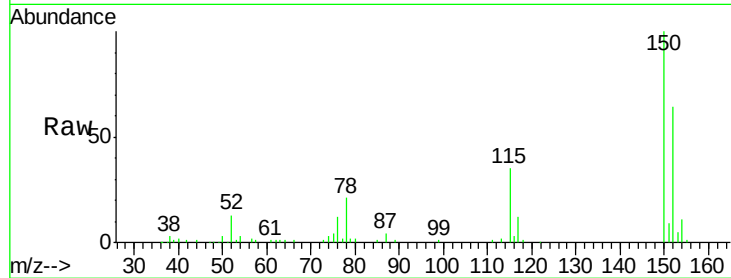


#1

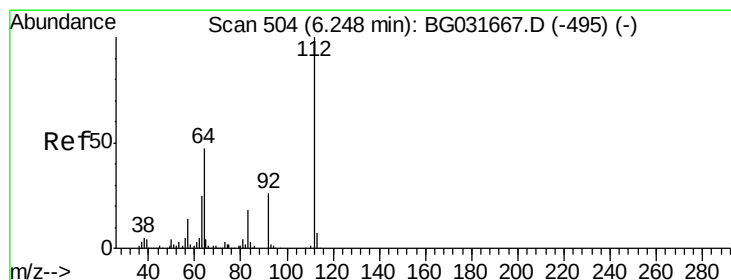
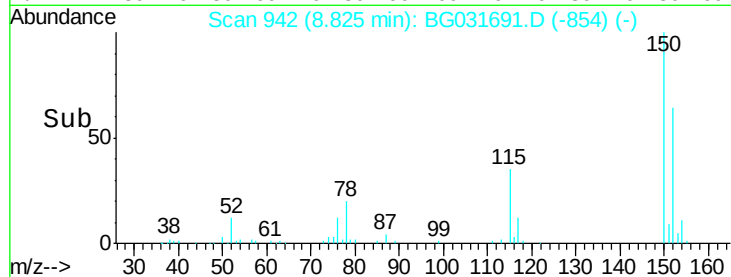
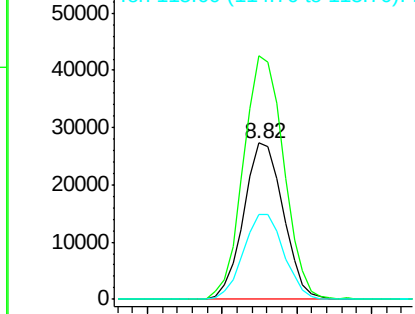
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50148
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 54.3 53.0 79.4



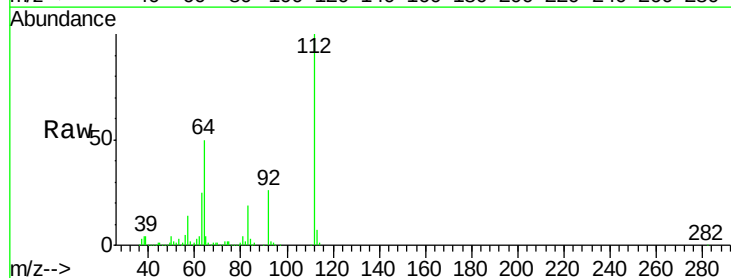
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



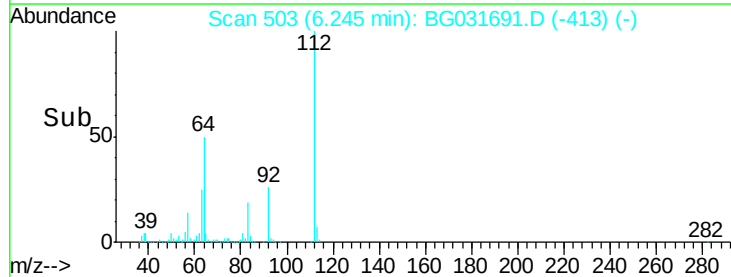
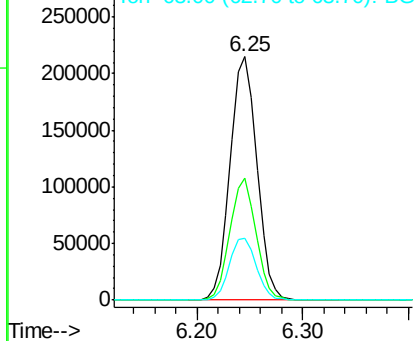
#5

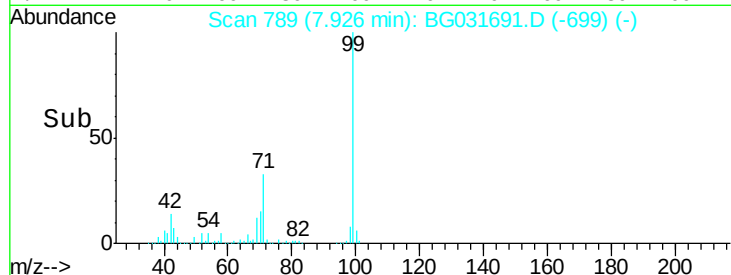
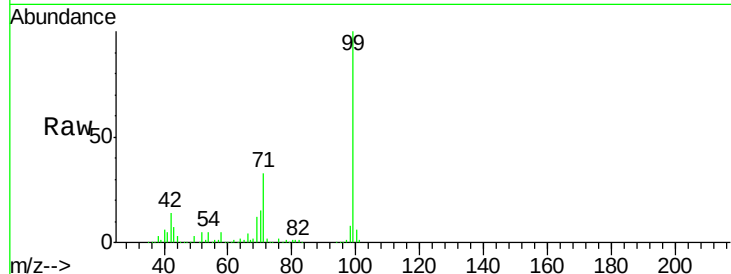
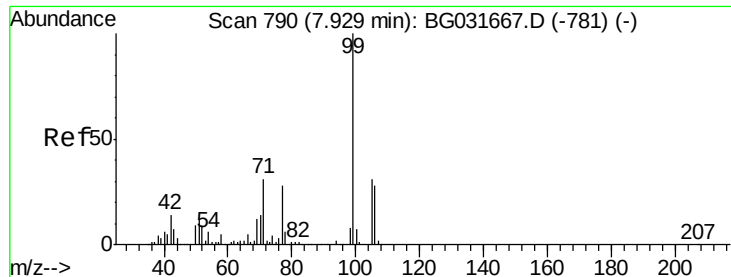
2-Fluorophenol
Concen: 136.498 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion:112 Resp: 375818
Ion Ratio Lower Upper
112 100
64 50.1 56.3 84.5#
63 25.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC

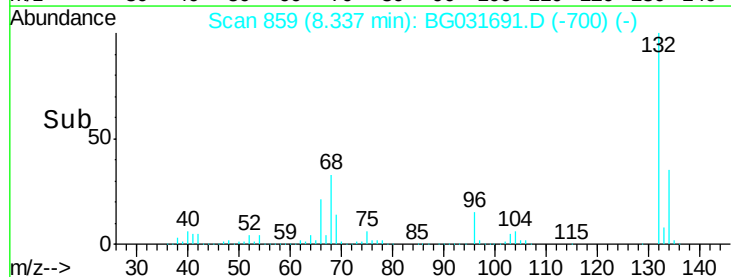
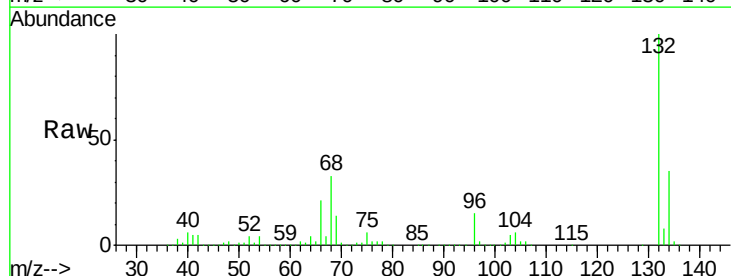
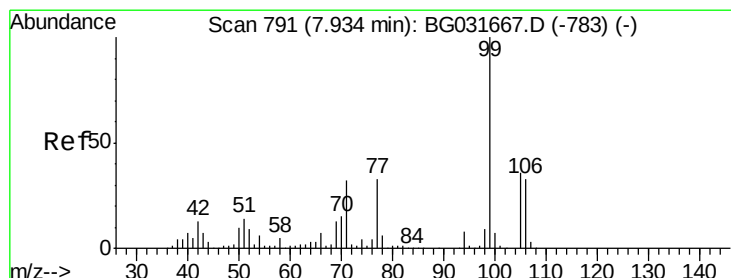
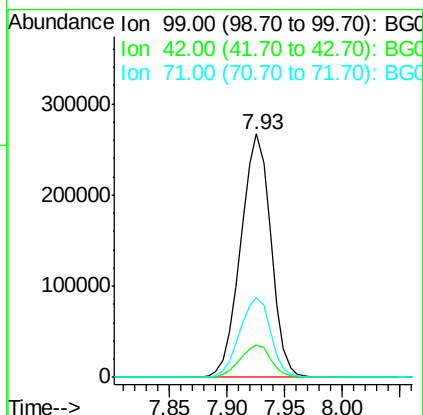




#7
Phenol-d6
Concen: 135.637 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

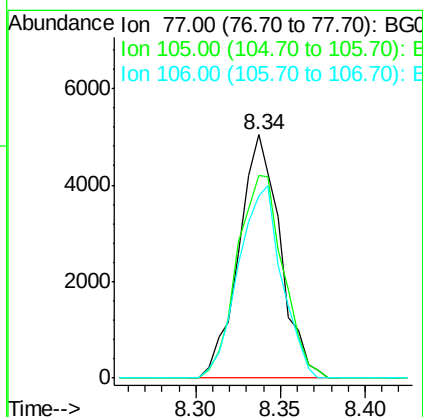
Tot Ion	99	Ratio	Lower	Upper
99	100			
42	13.5	14.1	21.1	
71	32.9	26.1	39.1	

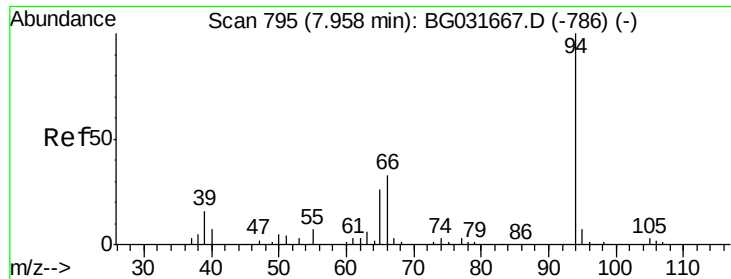
Instrument :
BNA_G
ClientSampleId :



#9
Benzaldehyde
Concen: 3.991 ng
RT: 8.34 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion	77	Ratio	Lower	Upper
77	100			
105	83.5	71.3	111.3	
106	75.0	64.2	104.2	





#10

Phenol

Concen: 5.272 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

Instrument :

BNA_G

ClientSampleId :

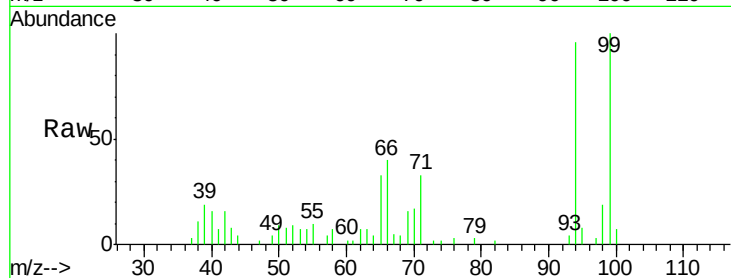
Tot Ion: 94 Resp: 19027

Ion Ratio Lower Upper

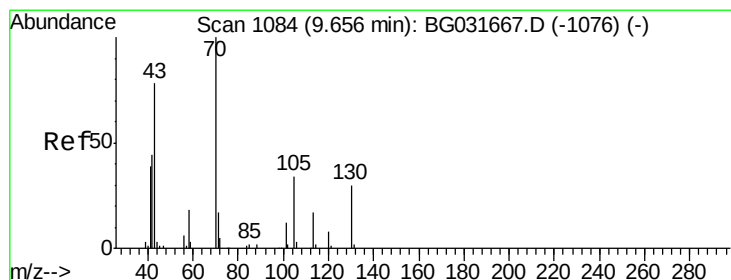
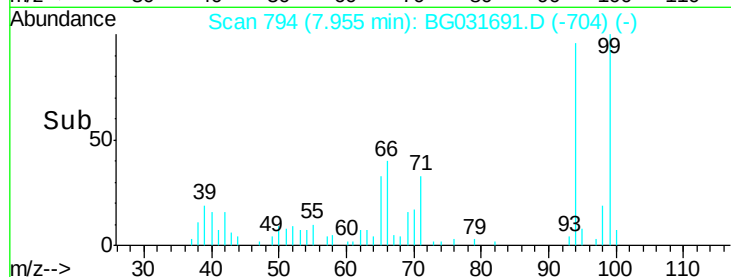
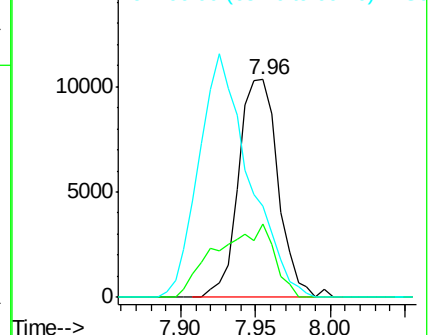
94 100

65 33.9 11.9 51.9

66 41.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.903 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.37 min

Lab File: BG031691.D

Acq: 22 Dec 2017 2:14

Tgt Ion: 70 Resp: 31500

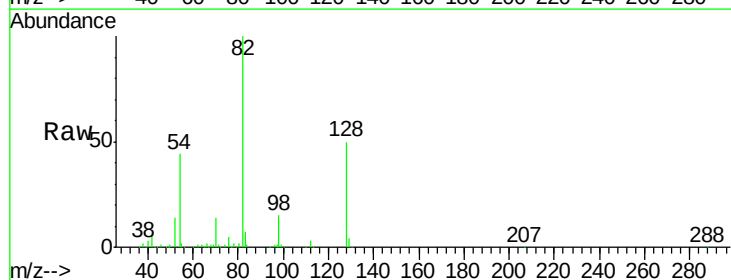
Ion Ratio Lower Upper

70 100

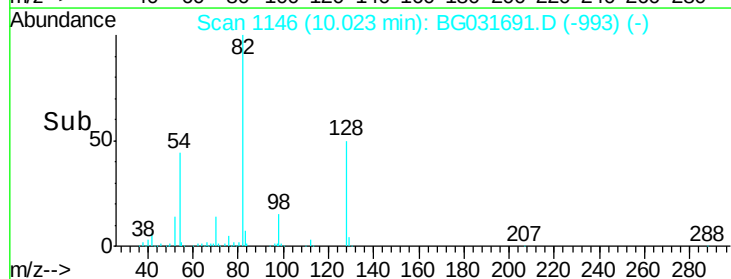
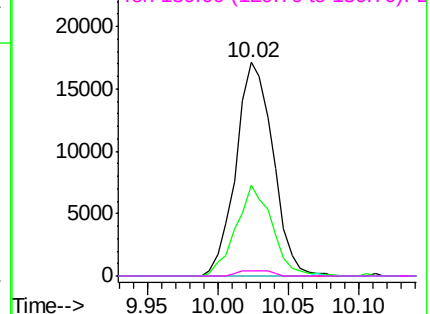
42 42.5 49.1 73.7#

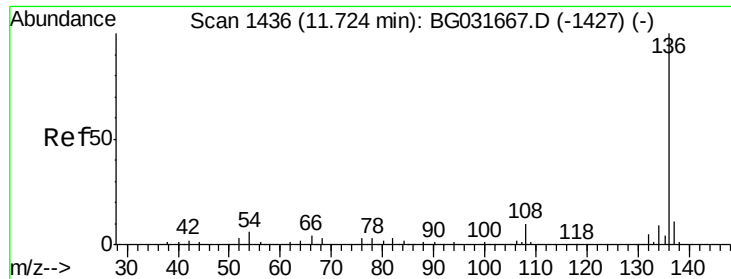
101 0.0 8.5 12.7#

130 2.1 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

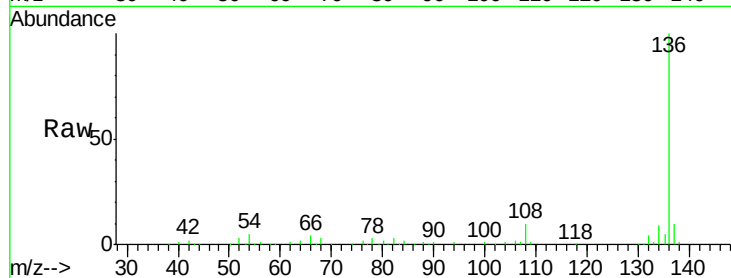




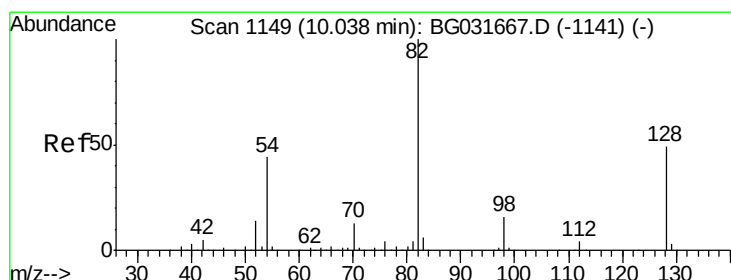
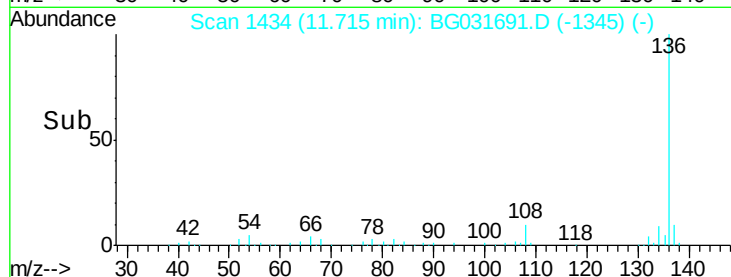
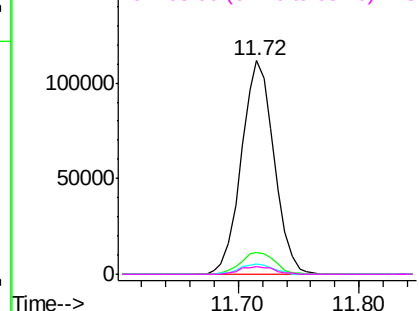
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	208799
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	4.9	10.3 15.5#
68	3.4	4.5 6.7#

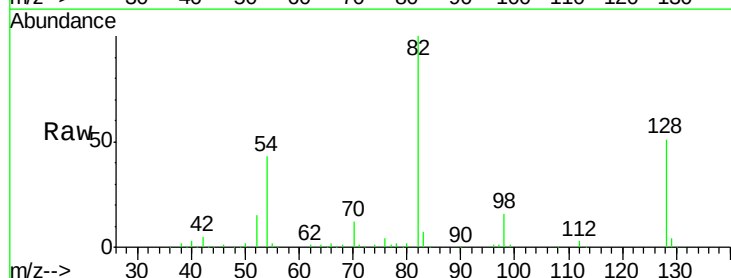


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

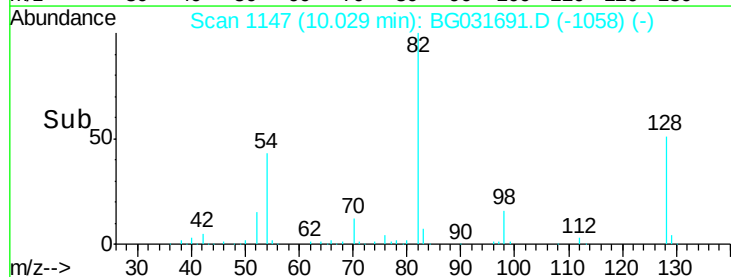
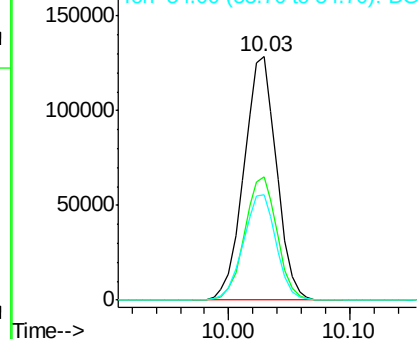


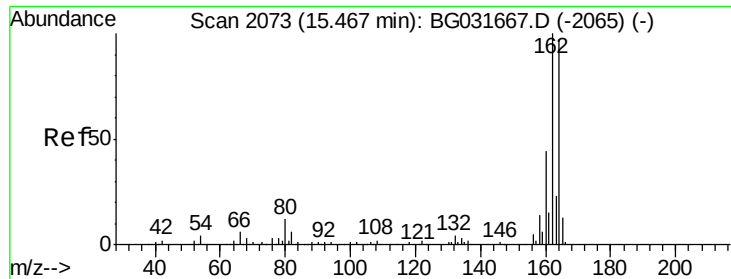
#23
Nitrobenzene-d5
Concen: 87.119 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion: 82	Resp:	240894
Ion Ratio	Lower	Upper
82	100	
128	50.7	29.7 44.5#
54	43.1	43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

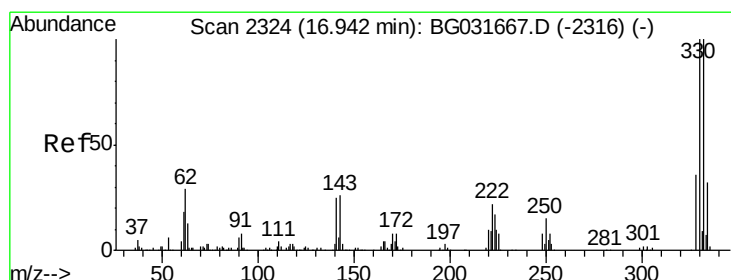
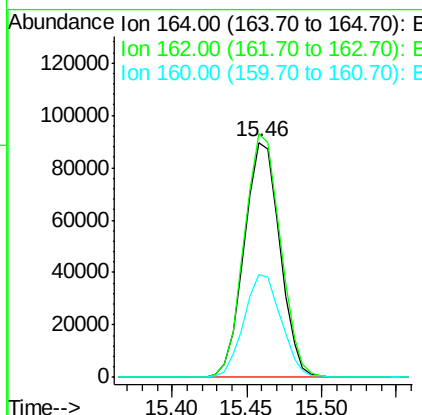
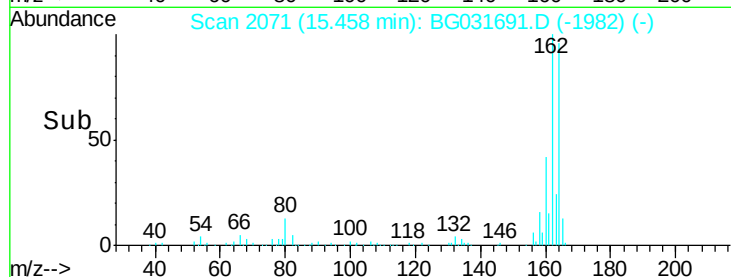
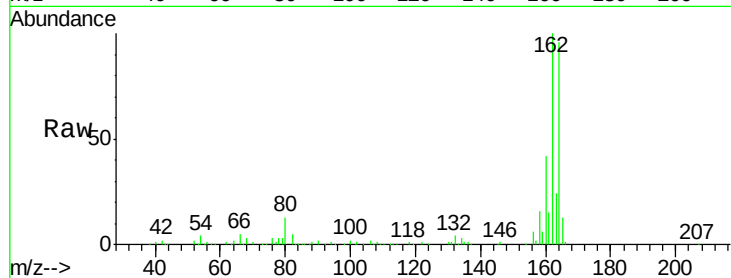




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031691.D
 Acq: 22 Dec 2017 2:14

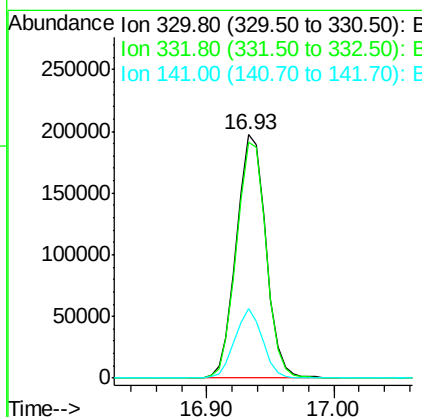
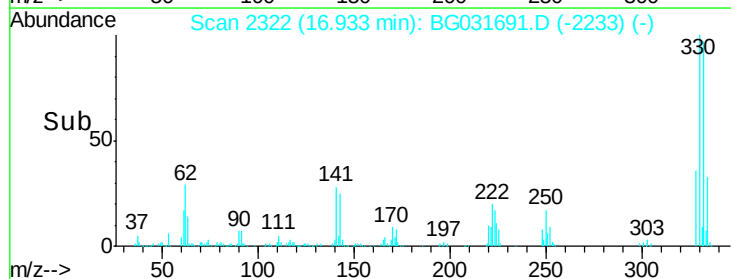
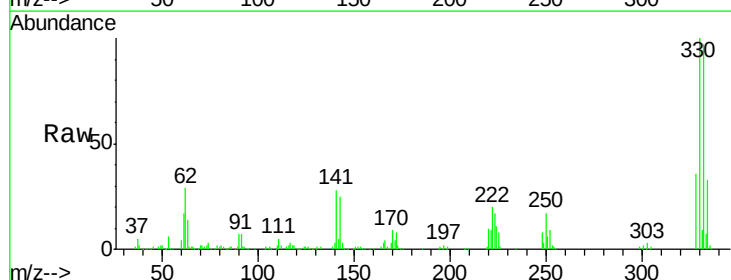
Instrument :
 BNA_G
 ClientSampleId :

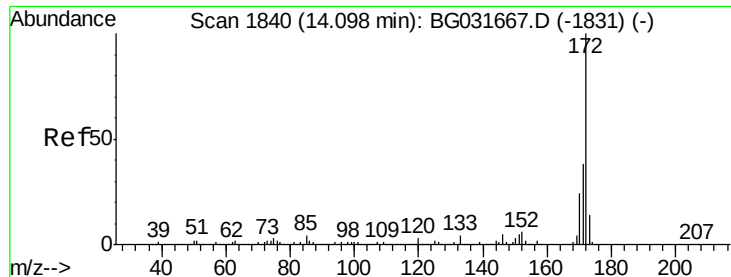
Tot Ion:164 Resp: 148132
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 44.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 140.674 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031691.D
 Acq: 22 Dec 2017 2:14

Tgt Ion:330 Resp: 317964
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 26.5 25.2 37.8

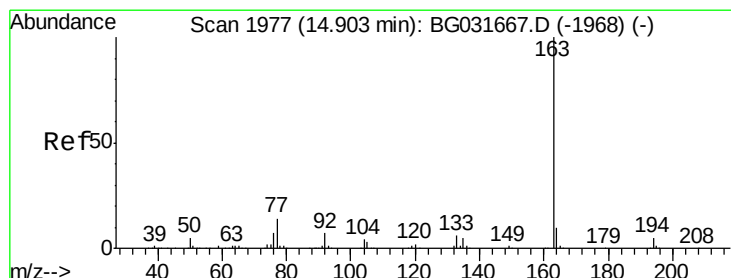
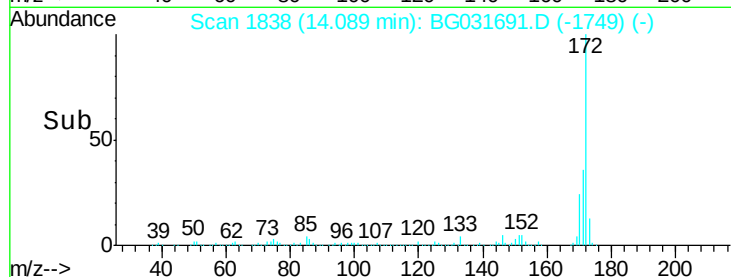
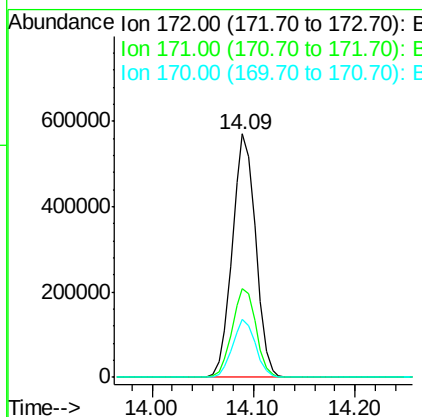
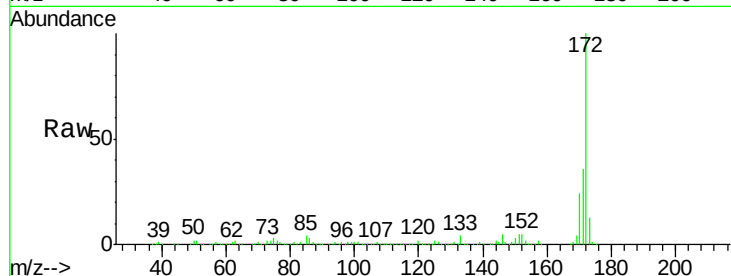




#44
2-Fluorobiphenyl
Concen: 77.049 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

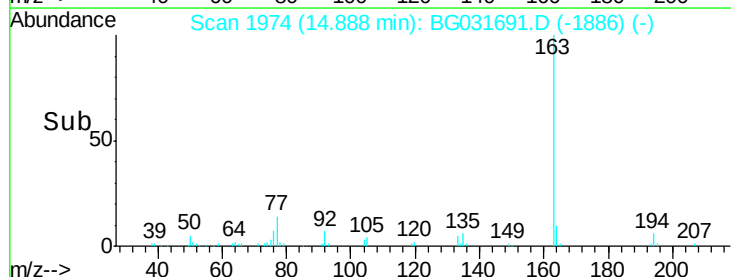
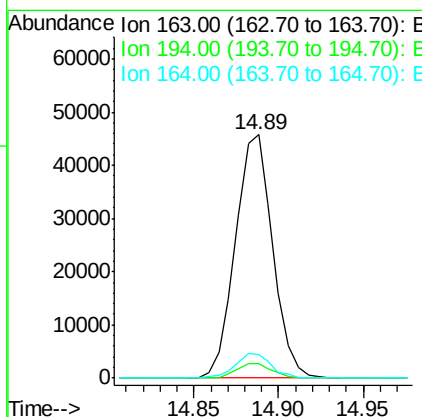
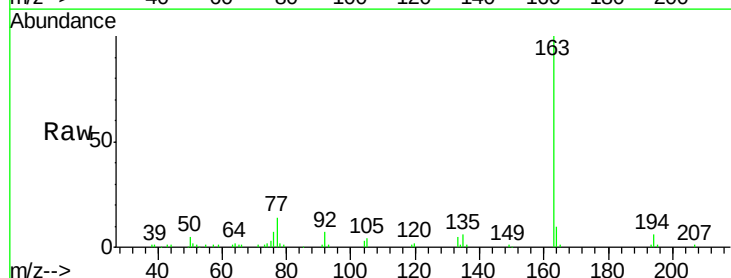
Instrument :
BNA_G
ClientSampleId :

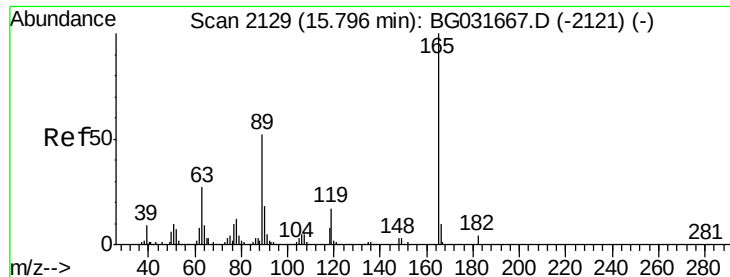
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	23.9	19.5	29.3



#49
Dimethylphthalate
Concen: 5.396 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	9.8	8.2	12.4

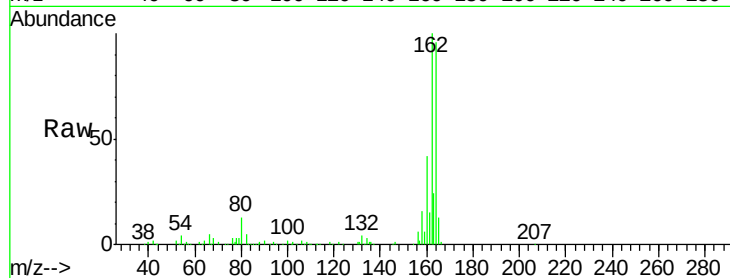




#56
2,4-Dinitrotoluene
Concen: 6.316 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

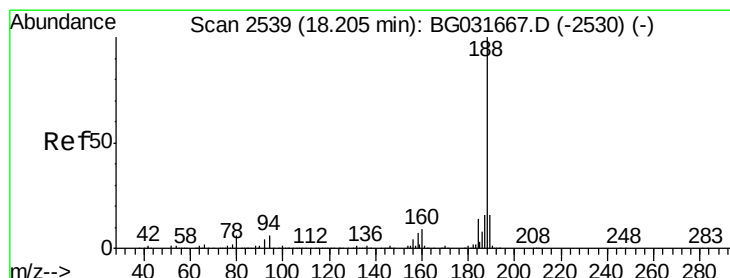
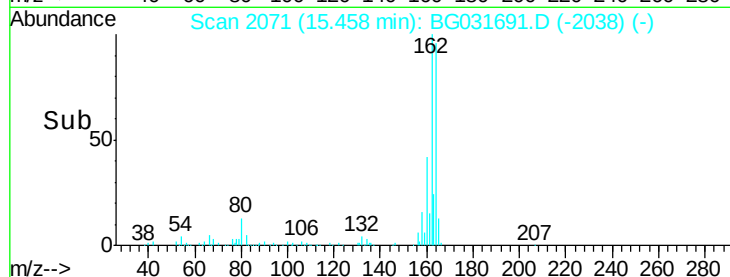
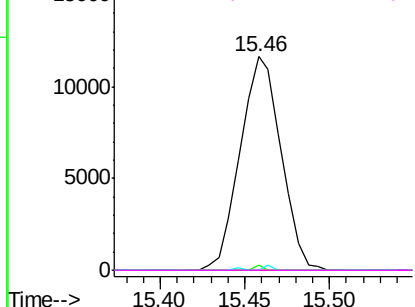


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

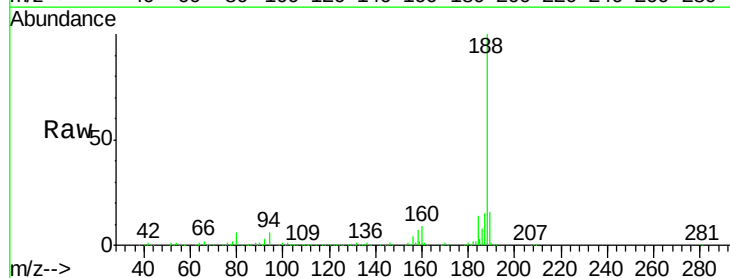
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

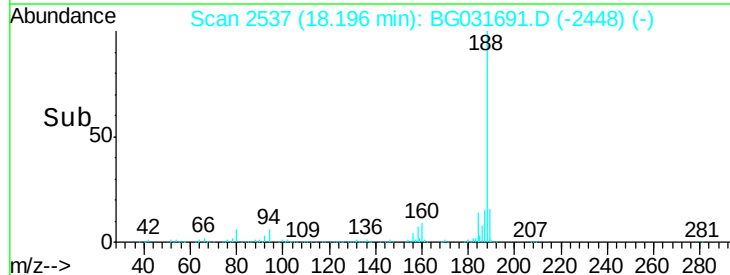
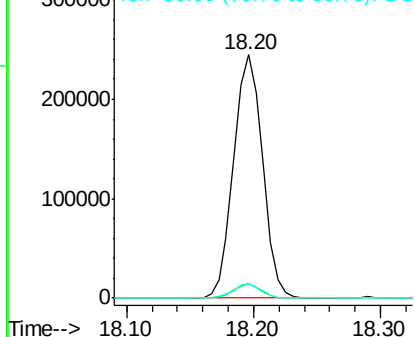
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	5.7	7.7	11.5#

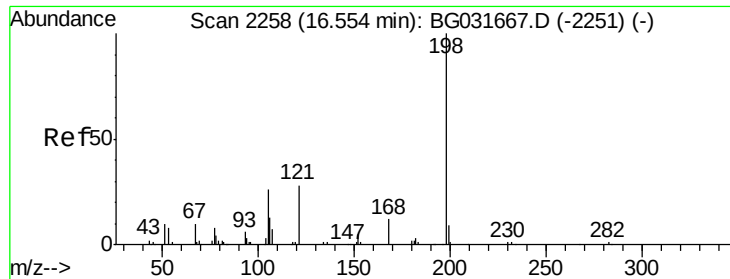


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

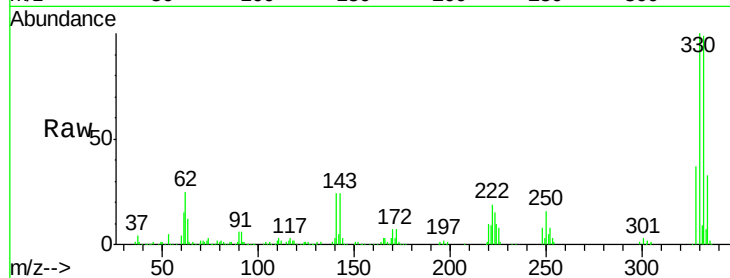




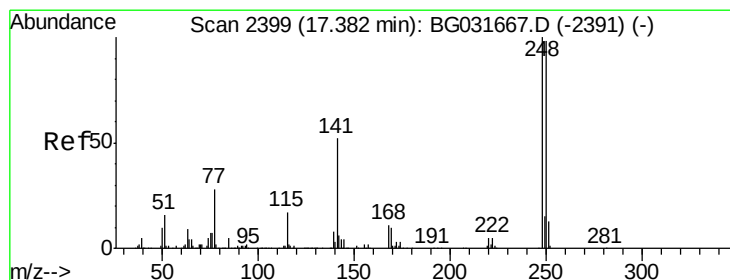
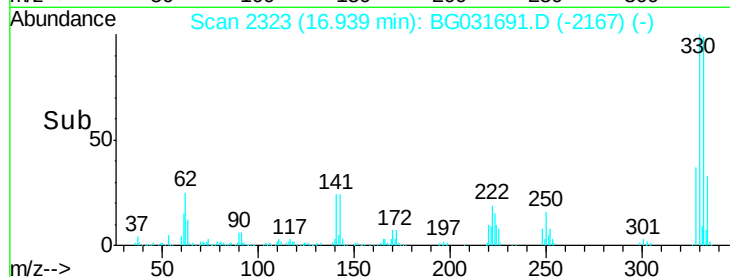
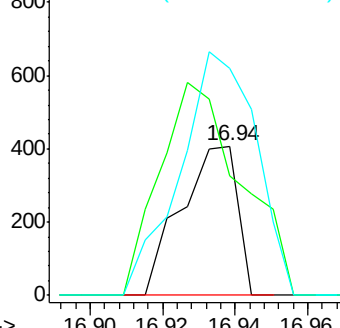
#64
4,6-Dinitro-2-methylphenol
Concen: 8.502 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.39 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 445
Ion Ratio Lower Upper
198 100
51 80.3 30.6 70.6#
105 152.6 23.8 63.8#

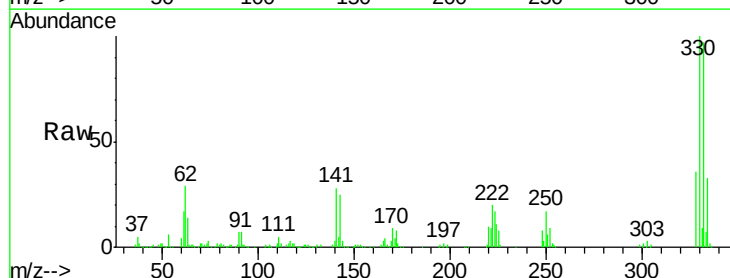


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

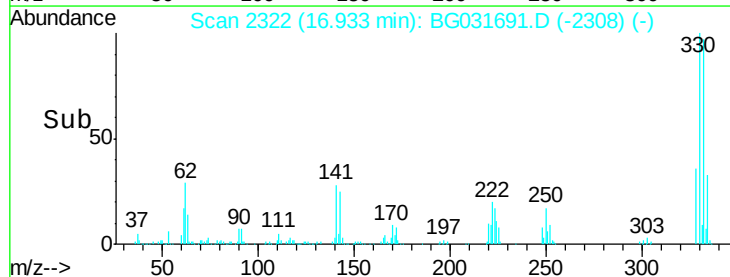
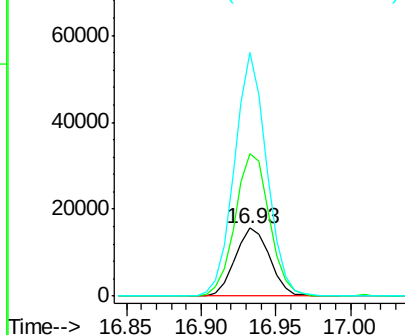


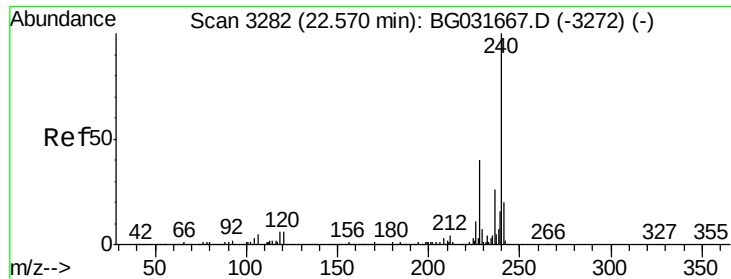
#66
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion:248 Resp: 25110
Ion Ratio Lower Upper
248 100
250 210.6 77.1 115.7#
141 359.6 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

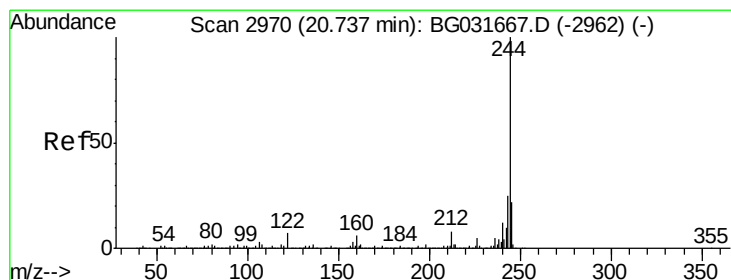
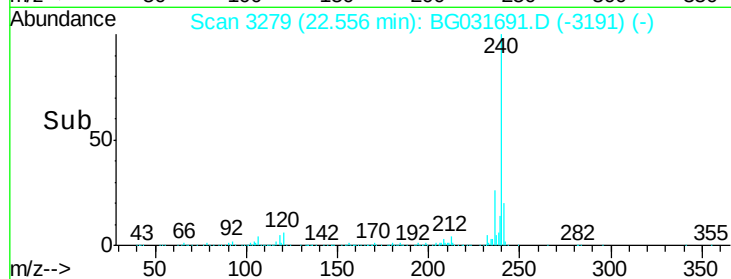
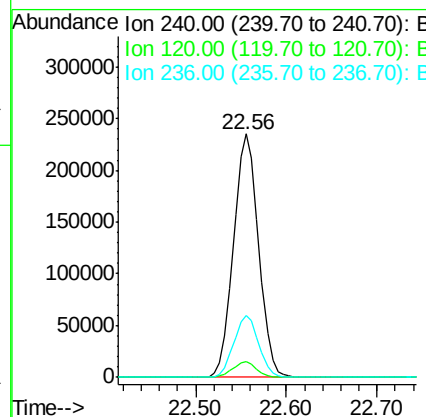
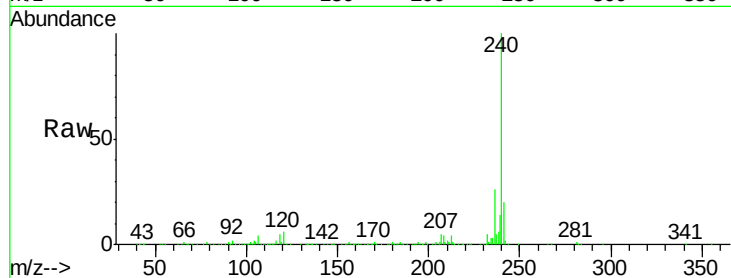




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

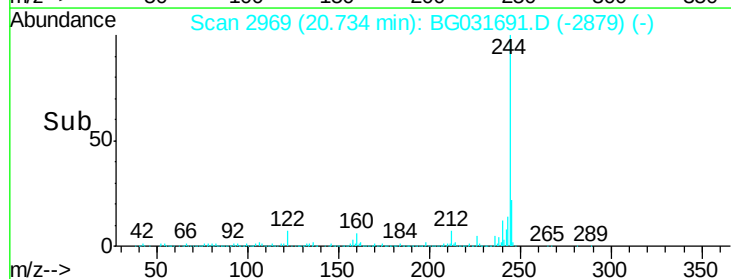
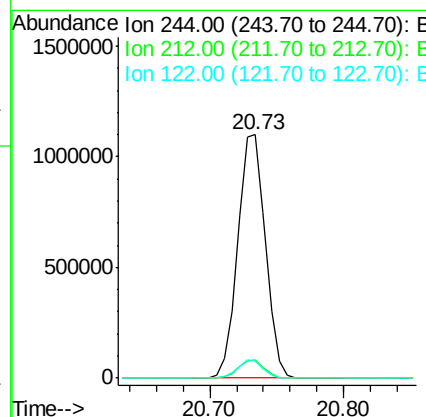
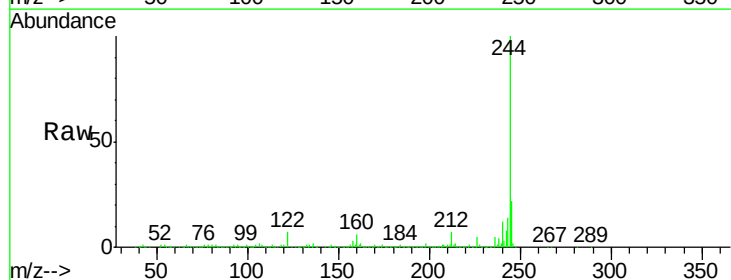
Instrument :
BNA_G
ClientSampleId :

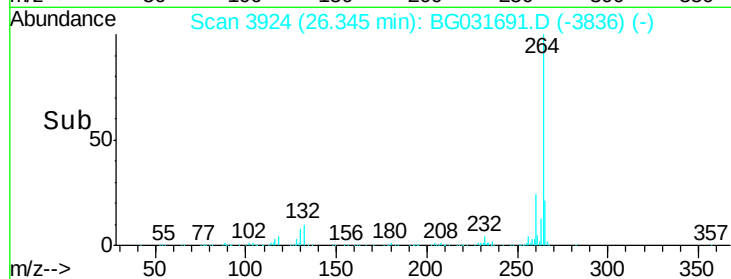
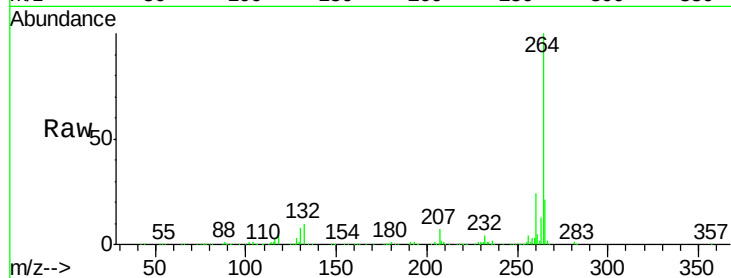
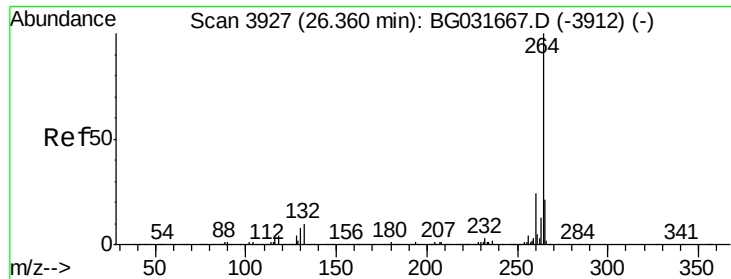
Tot Ion:240 Resp: 451208
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 25.6 20.9 31.3



#78
Terphenyl-d14
Concen: 80.119 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Tgt Ion:244 Resp: 1582316
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 7.0 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.35 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BG031691.D
Acq: 22 Dec 2017 2:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

